

max. 324 m³/h

DC diagonal fans

Series DV 5200 127 x 127 x 38 mm



Highlights:

- Diagonal fan with lower operating noise at high pressures.
- Very rigid compression curve for high air flow at high back pressure.
- Optional Vario-Pro: Highly adaptable software configuration of the fan enables a tailor-made solution to the specific requirements of your applications.
- DV 5214 /2HP with PWM control input and speed signal, additional inputs and outputs on request.

General characteristics:

- Material: housing of fibreglass-reinforced plastic, optionally of aluminium. Metal flange. Impeller of fibreglass-reinforced plastic PA; housing with grounding lug for screw M4 x 8 (Torx).
- Fully integrated electronic commutation. Protected against reverse polarity and locking.
- Connection via single strands AWG 22, TR 64, bared and tin-plated.
- Air exhaust over struts. Direction of rotation counter-clockwise, seen on rotor.
- Mass: 415 g (with metal housing: 490 g).

Nominal data	Air flow		Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinter sleeve bearings Ball bearings	Power input	Nominal speed	Temperature range	Service life L ₁₀ (40 °C) ebm-papst Standard	Service life L ₁₀ (T _{max}) ebm-papst Standard	Life expectancy L ₁₀ Δ (40 °C) see P. 15	Curve	Specials
	m ³ /h	CFM													
DV 5212 N	270	158,9	12	9...15	56	6,4	■	21,0	5 000	-20...+65	70 000 / 40 000	142 500	1	/2	
DV 5214 N	270	158,9	24	16...30	56	6,4	■	20,4	5 000	-20...+65	70 000 / 40 000	142 500	1	/2	
DV 5218 N	270	158,9	48	36...60	56	6,4	■	18,5	5 000	-20...+65	70 000 / 40 000	142 500	1	/2	
Model comes standard with speed signal and PWM control input. Other versions by request.															
DV 5214 /2HP	320	188,2	24	16...30	62	7,2	■	38,5	6 000	-20...+65	62 500 / 35 000	125 000*	2		

Speed control range from 1000 RPM up to maximum nominal speed. Stationary at 0 % PWM, maximum speed at sensor break.

